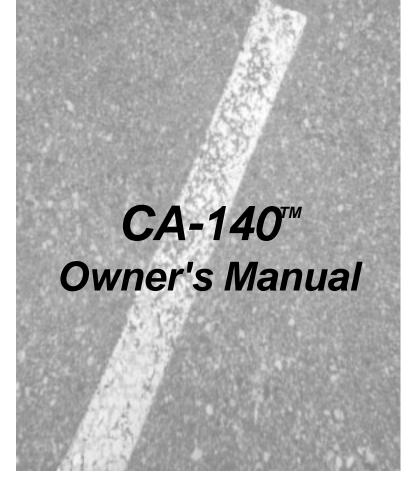


Technology that talks to cars and trucks.™

Remote Vehicle Control System



Vehicle Security and Convenience System

IMPORTANT NOTE: The operation of the Securityand Convenience System as described in this manual is applicable to most vehicles. However, due to the configuration of some vehicles, some functions AND/OR SAFETY PRECAUTIONS may not apply. Please see your installing dealer for more information.

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Two Easy-to-Use Weather-Resistant Remote Controls

The remote controls included with the Code Alarm CA-140[™] (1 two-way transeiver, 1 one-way transmitter)utilize durable, moisture resistant cases and sealed rubber buttons for reliability and long life. Rolling code technology prevents the transmitter signals from being duplicated. The button functions are clearly labeled to make the Code Alarm CA-140[™] simple to operate.

Two-Way Confirming Tranceiver and PowerRange[™] Antenna
The Code Alarm CA-140[™] features an advanced tranceiver with
LED confirmation which allows it to transmit and receive information
to and from the vehicle. The PowerRange[™] antenna allows you to
oper ate the systemfrom distances of up to ½ mile.

All Entrances Protected

Opening any door or entrance protected by the security system triggers the vehicle's horn or Songbird Speaker and flashes the vehicle parking lights.

Starter Disable

The Code Alarm CA-140[™] protects your vehicle from theft by disabling the starter when the security system is armed.

IT-s™ Interior Theft Sensor

This patented sensor uses infra-red technology to reliably detect vehicle impact associated with attempted intrusion. The IT-s sensor guards against vehicle body damage, and theft of the vehicle's equipment (such as airbags) and personal belongings.

Interior Status Indicator

The bright-blue warning light is an effective visual deterrent to a would-be thief. The status indicator is also used to alert you to the status of the security system (ie: theft attempt, valet mode, etc.).

Passive Arming

The Code Alarm CA-140[™] has an optional passive arming feature that guarantees your vehicle will be protected even if you forget to actively arm the system.

"Real Panic Sound" Horn Honk (RPS)

The unique digitally produced sound of the patented "RPS" horn honk provides a distinctive sound to scare-off theives while drawing attention to a vehicle theft attempt.

■ E-Code Coded Override System

If this feature is enabled, it will allow you to enter a personal 4-digit code that only you will know. This will be used for overriding the system in the case of an emergency or a lost transmitter.

⁴ Features and Benefits of the Code Alarm CA-140™

Personal Protection Features

Remote Panic Alarm, Headlight Control, Illuminated Entry, and Car Finder are among an array of features that enhance personal safety. **May require additional componets and/or labor.

Remote Keyless Entry

The Code Alarm CA-140 $^{\text{TM}}$ conveniently locks and unlocks vehicle doors and opens the trunk or hatch by remote control.*

Auxillary Outputs

The Code Alarm CA-140[™] is equipped with 4 auxillary outputs to operate additional vehicle accessories (ie: Power window/sunroof up or down,Headlight control, personalized transmitters for memory seat activation). **May require additional components and/or labor.

■ Turbo Timer Option

Designed for turbocharged vehicles, this option allows the vehicle to stay running for an additional 5-minutes without the key for a "Turbo-Cool-Down Mode" **May require additional components and/or labor.

Retained Accessory Power Option

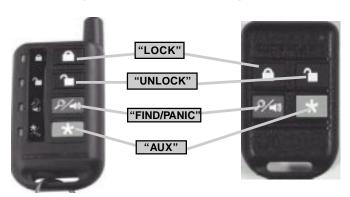
The Retained Accessory Power Option allows the Code Alarm CA-140™ to leave accessories like power windows and radio powered after the ignition key is turned off until the vehicle door is opened. **May require additional components and/or labor.

■ Songbird[™]

Another Code Alarm exclusive feature. Songbird™ allows you to customize your system by assigning different song snipets or unique sounds to security system and transmitter functions.

^{*} If vehicle is equipped with power door locks and they are connected to the alarm system by your installer.

The functions in this section can done using either the two-way confirming tranceiver or the one-way transmitter. Button configurations are shown in the graphic below.



Arming the Security System

To arm the system, exit the vehicle, close all doors, then press* the LOCK/ARM button. The siren** will "chirp" twice and the parking lights will flash twice, indicating the system is armed. The doors will also lock at this time (if equipped and connected). The status indicator (blue warning light on the dash) will blink steadily, once per second.

Pre-arm Mode

If the siren chirps and the parking lights flash only once, this indicates that the vehicle courtesy light is on, or that an entrance is not closed securely. Check to see that doors, hood, and trunk are properly closed. Once all entrances are secured (and the courtesy light is off), the system will chirp / flash again. The system is now fully armed. (If the entrance is not secured within 4 minutes, the system will arm and ignore the unsecured entrance until it is closed.)

Disarming the Security System

To disarm the system, press the UNLOCK/DISARM button. The siren will chirp and the parking lights will flash once, and the doors will unlock. The courtesy light will turn on for 1 minute, or until the vehicle is started.

Attempted Intrusion Identification

If the siren chirps four times when disarming, this indicates that the system was triggered in your absence. The status indicator will also flash rapidly. Perform the following operation to determine the protected zone that triggered the

1 chirp IT-s Interior Theft Sensor 2 chirps Door 3 chirps Hood

4 chirps Trunk/Optional Sensors

5 chirps Ignition was turned on

system: After disarming, press the emergency override button. The siren will chirp to indicate the cause of the alarm trigger:

^{*} Throughout this manual, 'press' refers to pressing for less than 1 second; 'press and hold' refers to pressing for more than 1 second. **'Siren' also refers to the vehicle horn if it is used as the alarm sounding device 3

Disabling the IT-s Interior Theft Sensor

It may be necessary at times to disable the IT-s Interior Theft Sensor. especially when parking in areas (like parking garages) where extreme vibration may cause false alarms. Press the LOCK button and then press the FIND/PANIC button within two seconds of pressing LOCK to disable the interior theft sensor. The siren will chirp two times to indicate that the sensor is disabled. The sensor will become enabled again the next time the system is armed normally.

Two-Stage Door Unlock

If this feature is enabled on your system, pressing UNLOCK one time will unlock only the driver's door. Press UNLOCK again within 1 minute to unlock all doors.

Activating the Trunk Release Feature

Press and hold UNLOCK to open the vehicle trunk or hatch (if equipped and connected). If this button is used to operate another accessory, the accessory will stay active for as long as the button is held.

Turning on the Vehicle Headlights/AUX 1

Press and hold the LOCK button to turn on the vehicle headlights. (The alarm system will attempt to arm if not already armed, unless it is in Valet Mode.) The lights will stay on for 20 seconds, or until LOCK is pressed again.

AUX 2

If this feature is enabled on your system, pressing and holding AUX for two seconds or Operating duration will activate AUX 2.

AUX 3

If this feature is enabled on your system, holding AUX and immediately pressing LOCK for one second or Operating duration will activate AUX 3. If the personalized transmitters feature is enabled on your system, this output is used to activate the memory seat feature for driver 1.

AUX 4

If this feature is enabled on your system, holding AUX and immediately pressing UNLOCK for one second or Operating duration will activate AUX 4. If the personalized transmitters feature is enabled on your system, this output is used to activate the memory seat feature for driver 2.

Using the Progressive Car Finder Feature

Press FIND/PANIC on the remote control to locate your vehicle. The vehicle's horn will emit five short chirps at low volume, increasing in volume each of three times the button is pressed. If Songbird is enabled and programmed to this function, the siren will emit the programmed song.

Personal Protection Alarm (Panic)

Press and hold the FIND/PANIC button to activate the vehicle siren and parking lights for 30 seconds. The vehicle's horn is or siren will "pulse" for 30 seconds. Press any remote control button to turn off the Panic alarm.

Using Valet Mode

If the Passive Arming feature is enabled on your system, Valet mode temporarily prevents the alarm system from arming automatically. This is useful when fueling or servicing your vehicle.

To enter Valet Mode:

With the vehicle ignition on, press the ARM button. The blue dashboard warning light (status indicator) will turn on for one second, then turn off. This indicates that the system is in Valet mode. Once the ignition is turned off, the status indicator will emit a quick double-flash pattern.

Note: In Valet mode, all keyless entry, convenience and remote start features operate normally.

To exit Valet Mode:

With the vehicle ignition on, press the DISARM button. The red dashboard warning light (status indicator) will turn on for one second, then turn off. This indicates that the system has exited Valet mode.

Hint: To prevent your security system from automatically arming while unloading or refueling your vehicle, without placing the system inValet mode, simply press the disarm button on your remote control transmitter after turning the ignition key off. Doing so places your system into a temporary or one time Valet mode. Next time you exit your vehicle the system will arm in the normal manner.

Using the Turbo Timer Option

The CA-140™ turbo timer option allows the vehicle to remain running for five minutes after the ignition key has been turned off. The turbo timer option must be enabled before the feature will operate, see your installing dealer for information.

To activate turbo timer:

- 1. After parking the vehicle, place your foot on the brake pedal.
- Place the shifter in the PARK position on automatic transmisson vehicles, or neutral and engage the parking brake for manual transmission vehicles.
- 3. Continue to hold the brake pedal for 5-seconds.
- 4. Remove your foot from the brake pedal.
- 5. Turn the ignition key off, and remove from the ignition switch.
- 6. The vehicle will remain running for 5 minutes or unless the brake pedal is pressed.

The CA-140[™] performs a variety of automatic functions to enhance security and comfort. Some of these features are programmable at the time of installation. Please see your installer for further details.

Illuminated Entry

When the alarm system is disarmed, the vehicle courtesy lights will turn on for 1 minute, or until the vehicle is started or the system is rearmed.

Illuminated Exit

When removing the key from the ignition, the vehicle courtesy lights will turn on for 1 minute, or until the CA-140[™] is armed. This feature is not available if the "Retained Accessory Power" option has been enabled on your system.

Automatic Arming

The CA-140™ will arm automatically 1 minute after the key is removed from the ignition. This feature can be temporarily disabled by placing the system into Valet mode.

Ignition Lock

If all doors are closed and the vehicle is started with the key, the doors will automatically lock.

Ignition Unlock

When removing the key from the ignition, the doors will automatically unlock.

The Code Alarm CA-140™ is equipped with a feature called "Songbird". Songbird allows you to program different songs or tones similar to "ring tones" on a cellular phone. A song or tone can be programmed to almost any system function that has a vehicle horn or siren response (ie: arm/disarm chirps, lite touch impact sensor, panic mode).

Functions that can't be programmed with a Songbird tone:

- 1. Impact sensor override
- 2. Alarm trip ID

Turning Songbird On:

Using either the 2-way tranceiver of the 1-way transmitter remote control, press both LOCK and UNLOCK buttons simultaneously. The siren will emit a confirmation tone indicating that songbird is on.

Selecting a Function and Songbird Tone/Song

- Activate a function that you would like to set to a specific tone (ie: lite touch impact sensor is activated by striking the vehicle with an impact that would trigger a lite touch response.
- 2. Within 10 seconds of activating the function:
 - A). Press AUX, then press FIND/PANIC within 2 seconds.

The siren will emit a confirmation tone indicating that you have entered the program mode.

- Use the LOCK and UNLOCK buttons to advance up or down through the different tones. Pressing the AUX button will play different versions and lengths of the tone you have selected.
- When you have decided on a specific tone, press the FIND/ PANIC button to lock that tone to the function, and exit programming.

The siren will emit a confirmation tone indicating that you have exited programming mode.

Turning Songbird OFF:

Press both UNLOCK and FIND/PANIC buttons simultaneously. The siren will emit a confirmation tone indicating that songbird has been turned off.

The Code Alarm CA-140™ will trigger if one of the following events occurs while the system is armed:

- Any protected entrance is opened
- The vehicle ignition is turned on
- The vehicle is jolted hard enough to signal the impact sensor

Once the alarm is triggered, the siren (or horn) sounds and the vehicle parking lights flash for 30 seconds. The system will then rearm, awaiting the next intrusion attempt. To stop the siren while keeping the alarm armed and doors locked, press the LOCK button while the system is triggering.

The Status Indicator is a high-intensity blue light mounted in a visible location on the vehicle dashboard. This blue light gives a visual indication of the alarm system's state of operation. Note the chart below:

If the Status Indicator is	then the Security System
Off	is disarmed
Flashing Slowly	is armed
Flashing Very Quickly	was triggered in your absence (see Attempted Intrusion ID - page 5)
Flashing Intermittently (2 flashes, off, 2 flashes)	is in Valet mode
On (not flashing)	is in Pre-arm mode

Your Two-Way Tranceiver Remote Control

The Code Alarm CA-140 two-way tranceiver remote control is designed to access system status information. The LED display can give you information about the state of the CA-140, security system, etc. The table below shows the system functions as well as the audible signal from the remote control.

Transmitter Button	System Function	Tranceiver Audible Response	
Press and Release	Lock Vehicle Doors & Arm Alarm System	LED turns on for 2 seconds, 2 beep sounds	
Press and Release	Unlock Vehicle Doors & Disarm Alarm System	LED turns on for 2 seconds, 1 beep sound	
Hold For 2 Seconds	Trunk Hatch Release	LED turns on for 2 seconds, 1beep sound	
Hold For 2 Seconds	Headlight Activation / AUX 2	LED turns on for 2 seconds, 2 beep sounsd	
Press and Release	Car Finder	LED turns on for 2 seconds, 3 beep sounds	
Hold For 3 Seconds	Remote Panic Alarm	LED turns on for 2 seconds, 3 beep sounds	
+ Mold Simultaneously	AUX 3	LED turns on for 2 seconds 2 beep sounds	
+ Hold Simultaneously	AUX 4	LED turns on for 2 seconds, 2 beep sounds	

Changing the Remote Control Battery

LED Remote Control

The 3 volt lithium (CR2450) battery supplied in your remote control should last approximately one year, depending on usage. When the battery begins to weaken, you will notice operating range weaken. Follow the instructions below to change the remote transmitter battery.

- 1. Remove the phillips screw on the back of the remote control.
- Remove the lower transmitter case.
- 2. Install a new battery and replace the battery cover.

One-Way Transmitter

The 12-volt alkaline battery (GP-23A) supplied in your remote control should last approximately one year, depending on usage. When the battery begins to weaken, you will notice a decrease in range, or the distance from your vehicle that your remote transmitter will operate. Follow the instructions below to change the remote transmitter batteryInsert the edge of a coin into the slot at the side of the remote control. Twist the coin to pry the remote control halves apart.

- Remove the old batteries and replace with new ones.Be sure to observe the (+) and (-) signs in the battery compartment.
- Carefully snap the case halves back together, then test the remote control.

Adding Remote Controls to Your System

The CA-140™ has the ability to operate from up to four (4) remote controls. Follow these instructions to add a remote control to your system.

- 1. Make sure the system is disarmed and the ignition is off.
- Open the driver's door.
- 3. Turn vehicle ignition on.
- 4. Press and hold emergency override button. After 15 seconds, the horn will sound three (3) times. This indicates that the unit has entered the remote control programming.
- Release the button.
- Press the LOCK button (button 1) on the remote control to be programmed.
 - The horn will sound once, indicating that the system has "learned" that remote control.
- 7. Repeat step 6 for any additional remote controls.
- 8. Turn the vehicle ignition off to exit the programming mode. Test all remote controls to ensure that they work properly.

If one of your remote controls is lost or stolen, follow these instructions IMMEDIATELY to remove the control code from your system.

- 1. Have all remaining remote controls available.
- Enter the control programming mode by following steps 1 5
 of Adding Remote Controls to Your System.
- 3a. If you have only one remaining remote control, press the LOCK button on that remote control four (4) times, pausing at least 1 second in between each press. The horn must "honk" each time you press the LOCK button.
- 3b. If you have two remaining remote controls, press the LOCK button on each remote control two (2) times, pausing at least 1 second in between each press. The horn must "honk" each time you press the LOCK button.
- 3c. If you have three remaining remote controls, press the LOCK button on one remote control twice, then press the LOCK button on the remaining remote control once. Pause at least 1 second in between each press. The horn must "honk" each time you press the LOCK button.
- Turn the vehicle ignition off to exit the programming mode.
 When you are finished, the lost or stolen remote control will no longer operate your system. System Maintenance, cont'd

Basic Troubleshooting

This section outlines some of the basic issues you may experience while becoming used to the Code Alarm CA-140™. If you have a problem that is not covered by this section, please consult your installer.

Symptom	Problem	Solution
Remote control does	Weak or dead battery	Change battery
not work	Remote control not programmed	Program remote control (page 8)
	Door or other entrance is open	Close entrance
System will not arm	Courtesy light is on	Turn courtesy light off
	System is in Valet mode	Turn off Valet mode (page 6)

If your remote control is lost or fails to function, use this procedure to disarm the Code Alarm CA-140™ and start your vehicle.

- 1. Use the keys to enter the vehicle.

 The alarm will sound once the door is opened.
- 2. Insert the key into the ignition and turn to the ON position.
- Locate and press the emergency override button. The alarm will turn off and then you will be able to start your vehicle.

If the E-code coded override feature is enabled on your system, use this procedure to disarm the Code Alarm CA-140 and start your vehicle.

- Use the keys to enter the vehicle.

 The alarm will sound once the door is opened.
- 2. Insert the key into the ignition and turn to the ON position
- Press and release the emergency override button the number of times that corresponds to the first digit of the code and turn the ignition key off.
- 4. Turn the ignition key to the ON position.
- Press and release the emergency override button the number of times that corresponds to the second digit of the code and turn the ignition key off.
- Follow steps 4 and 5 for the remaining two digits of the code. After the correct 4 digit code has been entered, the system will disarm.

Contact your installing dealer to change or activate you personal Ecode.

Your Emergency Disarm Button is located:

Installer Programmed Options

Ignition On Door Lock	ON	OFF
Ignition Off Door Unlock	ON	OFF
Illuminated Entry/Exit	ON	OFF
Siren/Horn Chirps	ON	OFF
Passive Arming	ON	OFF
Pasive Door Locks	ON	OFF
Light/AUX1	Output Duration_	
AUX2	Output Duration	
AUX3	Output Duration	
AUX4	Output Duration_	

FCC COMPLIANCE

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and
- 2. This device must accept any interference received, including any interference that may cause undesired operation.

Warning!

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Code Systems, Inc. Limited Lifetime Warranty

A Code Systems Inc. ("CODE") vehicle comfort, convenience and security system sold to a retail consumer purchaser by an authorized dealer of CODE and installed by an authorized dealer of CODE is warranted by CODE to the original retail consumer purchaser to be free from defects in workmanship and materials for the lifetime of the vehicle in which the system was originally installed.

A CODE system sold to a retail consumer purchaser by an authorized dealer of CODE and installed by a party other than an authorized dealer of CODE is warranted by CODE to the original retail consumer purchaser to be free from defects in workmanship and materials for the lifetime of the vehicle. Defects caused by or related to the improper installation of the system are not covered by this or any other warranty.

The duration of this warranty described above applies to all components of the system except for: switches, indicator lights, transmitter(s) and accessories purchased separately.

Transmitters, exclusive of the transmitter case, are warranted by CODE to the original retail consumer purchaser to be free from defects in workmanship and materials for the lifetime of the vehicle in which the system was originally installed.

Switches, indicator lights, and transmitter cases are warranted to the original consumer purchaser for a period of one (1) year from the date of purchase when the system is installed by an authorized CODE dealer.

Code system accessories are covered by the warranty supplied with the accessory.

Wiring harnesses altered by installation and transmitter batteries are not covered by this or any other warranty.

This warranty is non-transferable, non-assignable and is completely voided when the system is removed from the car in which it was originally installed. If the vehicle in which the system was originally installed is transferred to another party, this warranty no longer applies.

This warranty does not apply to any product damaged by accident, physical or electrical abuse, improper installation, alteration, any use contrary to its intended function, unauthorized service (i.e. service by anyone other than CODE or its authorized service personnel), fire, flood, lightning or other acts of God.

Should a product be found to be defective during the warranty duration, CODE will repair or replace the system or any part of the system that CODE agrees is defective without charge to the retail consumer purchaser of the system during the first year of the warranty period. After the first year of the warranty period has expired CODE will repair or replace the system or any part of the system that CODE agrees is defective for a fee of \$10.00 to cover shipping and handling charges.

In order for the system to be repaired or replaced under the terms of this warranty, the defective product must be returned to an authorized CODE dealer and accompanied by a copy of the original retail sales receipt. The date of purchase and year, make and model of the vehicle in which the security system was originally installed must be clearly indicated on the sales receipt.

CODE shall not be held responsible for any removal and/or reinstallation charges of a defective system, damage to or theft of the vehicle or its contents, or any incidental or consequential damages caused by any failure of the system to function properly. Under no circumstances should this warranty, or system covered by it, be construed as an insurance policy against loss. CODE neither assumes nor authorizes any person or organization to make ANY WARRANTIES or assume any liability in connection with the sale, installation, or use of this system. This is the complete CODE warranty and no other warranty exists.

The warranty identified in this form is exclusive and CODE makes no other warranties expressed or implied for any goods or services provided by CODE. CODE specifically and expressly excludes any other warranties including the fitness for a particular purpose and all warranties of merchantability. The customers sole and exclusive remedy for any and all claims against CODE arising out the customers use of any CODE system shall be as delineated in the warranty set forth above. CODE shall not be liable to any customer or any other person or entity for any direct or indirect, consequential, special or exemplary damages arising out of or in connection with the customers use of, or inability to use, or misuse of any CODE provided system.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

The Theft Protection Program is designed to provide the retail purchaser of a security system provided by CODE-ALARM, INC. ("CODE") an additional benefit, at no additional cost to the purchaser, should their vehicle be stolen while protected by a CODE-ALARM security system. While CODE has created this program as a way of showing appreciation to its customers, CODE RESERVES THE RIGHT TO UNILATERALLY CHANGE, ALTER, MODIFY, OR DISCONTINUE ALL OR PART OF THIS THEFT PROTECTION PROGRAM WITHOUT PRIOR NOTICE. THIS THEFT PROTECTION PROGRAM IS NOT AN INSURANCE POLICY AND SHOULD NOT REPLACE AN AUTOMO-BILE OR HOMEOWNERS INSURANCE POLICY. THIS THEFT PRO-TECTION PROGRAM DOES NOT COVER LOSSES ARISING FROM THE THEFT OF ITEMS WITHIN THE AUTOMOBILE OR ANY DAM-AGES ARISING FROM. RELEATED TO. AND/OR INCIDENTAL OR A CONSEQUENCE OF A VEHICLE THEFT EXCEPT AS SPECIFICALLY DELINEATED BELOW.

Plan duration: 3 Years from the date of installation.

Plan amount: Maximum allowable value equal to insurance deductible or up to \$2,500 whichever is less.

Conditions of the Theft Protection Program:

- 1. The Theft Protection Program is non-transferable and non-assignable.
- 2. The system must be installed by an authorized CODE dealer.
- Vehicle must be less than three (3) model years old at the time of installation.
- The security system must have been fully armed at the time of the vehicle theft
- The vehicle in which the system is installed must be insured for theft by a licensed insurance underwriter in the state in which the vehicle is registered.

Terms of payment:

- The vehicle must first be considered a total loss due to theft by your insurance company.
- 2. Your insurance company has settled all claims arising from this theft and there are no other pending legal actions as a result of this theft.

How to file a request for payment:

If the above conditions are met, make your request for payment by submitting the following to CODE. The request for payment must be received by CODE no later than sixty (60) days after the vehicle is reported stolen.

- Copy of the retail sales receipt for the purchase of the security system, clearing showing the model of system purchased and the year, make and model of the vehicle in which the system was installed.
- 2. A copy of the police report for the stolen vehicle.
- A copy of the paid insurance claim and reimbursement check from the insurance company.

*The Theft Protection program is not available in all states please contact dealer for more information.

